

WHAT IS CLAIMED IS:

1. A process for recognizing the movement of a motor vehicle comprising the steps:
measuring the accelerating forces acting on the motor vehicle at preset time intervals by a
acceleration sensor as time-dependent functions and sending the functions to an evaluating and
control unit;

5 determining a frequency spectrum of the functions with the evaluating and control unit on
the basis of a Fourier analysis;

if a preset percentage of the frequency spectrum is below a set limit frequency, storing,
with the evaluating and control unit, information indicating that the motor vehicle was moved; and

if the preset percentage of the frequency spectrum is not below the set limit frequency,
10 storing, with the evaluating and control unit, information indicating that the motor vehicle was not
moved.

2. A process in accordance with claim 1, wherein the accelerating forces acting on the
motor vehicle are measured by the acceleration sensor in at least two mutually independent
directions.

3. A process in accordance with claim 1, wherein the frequency spectrum is determined
on the basis of a discrete Fourier analysis.

4. A process in accordance with claim 1, wherein the limit frequency is a function of the

spring system and the weight of the motor vehicle.

5. A process for using an acceleration sensor in a device for blocking the starting of a motor vehicle, the process comprising:

providing an evaluating and control unit and an acceleration sensor;

measuring the accelerating forces acting on the motor vehicle with the acceleration

5 sensor;

using the evaluating and control unit to evaluate the accelerating forces acting on the motor vehicle;

providing a handset connected to the evaluating and control unit by which a breath alcohol concentration of a user is measured and is sent as a signal to the evaluating and control unit;

10 activating a relay or switch by the evaluating and control unit for either interrupting or closing a circuit to a starter of the motor vehicle as a function of the signal by opening or closing a switch.

6. A system for blocking the starting of a motor vehicle, the system comprising:

an acceleration sensor measuring the accelerating forces acting on the motor vehicle with the acceleration sensor at preset time intervals as time-dependent functions;

5 an evaluating and control unit receiving the functions from the acceleration sensor and determining a frequency spectrum of the functions with the evaluating and control unit on the basis of a Fourier analysis;

a handset connected to the evaluating and control unit by which a breath alcohol

concentration of a user is measured and is sent as a signal to the evaluating and control unit;

a relay or switch activated by the evaluating and control unit for either interrupting or

10 closing a circuit to a starter of the motor vehicle as a function of the signal by opening or closing a switch.

7. A system according to claim 6, wherein:

if a preset percentage of the frequency spectrum is below a set limit frequency the
evaluating and control unit stores information indicating that the motor vehicle was moved; and

if the preset percentage of the frequency spectrum is not below the set limit frequency the

5 evaluating and control unit stores information indicating that the motor vehicle was not moved.